

CLAIMS:

1. A liquid crystal display unit comprising:

5 a liquid crystal panel, wherein the liquid crystal panel has a plurality of sub-pixels;

a plurality of color filter members having different colors for displaying a color image, wherein each color filter member is located at a position corresponding to at least one of the sub-pixels; and

10 an organic electroluminescent device located behind the liquid crystal panel, wherein the organic electroluminescent device functions as a backlight, wherein the organic electroluminescent device has a plurality of organic electroluminescent bodies, wherein each organic  
15 electroluminescent body is located opposite to a corresponding color filter member that has the same color as the color of light emitted from the organic electroluminescent body, and wherein each organic electroluminescent body emits light toward the corresponding color filter member.

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2. The liquid crystal display unit according to claim 1, wherein the color filter members are arranged parallel to each other, wherein the organic electroluminescent bodies extend parallel to each other, and wherein each organic  
25 electroluminescent body extends parallel to the corresponding color filter member.

3. The liquid crystal display unit according to claim 1, wherein the organic electroluminescent device is designed  
30 so that the organic electroluminescent bodies emit light simultaneously.

4. The liquid crystal display unit according to claim 3, wherein the organic electroluminescent device includes a  
35 pair of electrodes, wherein the pair of electrodes sandwiches

the organic electroluminescent bodies, and wherein, when voltage is applied to the pair of electrodes, all of the organic electroluminescent bodies emit light simultaneously.

5           5.     The liquid crystal display unit according to claim 1, wherein the organic electroluminescent device is driven by a line-sequential drive system.

10           6.     The liquid crystal display unit according to claim 5, wherein the liquid crystal panel has a plurality of scanning electrodes, wherein the scanning electrodes extend parallel to each other, wherein each scanning electrode partially corresponds to each of the organic electroluminescent bodies, and wherein, when voltage is  
15     applied to any of the scanning electrodes, parts of the organic electroluminescent bodies that correspond to the excited scanning electrodes emit light.

20           7.     The liquid crystal display unit according to claim 1, wherein the organic electroluminescent device has a reflective electrode, wherein the reflective electrode is located on the opposite side of the liquid crystal panel with respect to the organic electroluminescent bodies, and wherein the reflective electrode reflects light that enters through  
25     the liquid crystal panel toward the liquid crystal panel.

            8.     The liquid crystal display unit according to claim 1, wherein each organic electroluminescent body coincides in shape with the color filter member that corresponds to the  
30     organic electroluminescent body in a light output direction.

            9.     A liquid crystal display unit comprising:  
            a liquid crystal panel, wherein the liquid crystal panel has a plurality of sub-pixels, wherein the liquid crystal  
35     panel has a plurality of scanning electrodes, which extend

parallel to each other, and a plurality of data electrodes,  
which extend parallel to each other, wherein the scanning  
electrodes extend in a direction to intersect the data  
electrodes, and wherein each sub-pixel is formed at an  
5 intersection between one of the scanning electrodes and one of  
the data electrodes:

a plurality of color filter members for displaying a  
color image, wherein each color filter member is located at a  
position corresponding to at least one of the sub-pixels; and

10 an organic electroluminescent device located behind the  
liquid crystal panel, wherein the organic electroluminescent  
device functions as a backlight, wherein the organic  
electroluminescent device has a plurality of organic  
electroluminescent bodies, wherein each organic  
15 electroluminescent body is located opposite to a color filter  
member that has the same color as the color of light emitted  
from the organic electroluminescent body, and wherein each  
organic electroluminescent body emits light toward the  
corresponding color filter member.

20 10. The liquid crystal display unit according to claim  
9, wherein each organic electroluminescent body coincides in  
shape with the color filter member that corresponds to the  
organic electroluminescent body in a light output direction.